

**Report on
Add-on course in Clinical Biochemistry
(2022-2023)
Department of Biochemistry,
St. Edmund's College**

The Add-on Course in Clinical Biochemistry course commenced on the 18th October of 2022 and concluded on 28th June, 2023 for the session of 2022-2023. The main objective of the course is develop the skill on handling semi-autoanalyzer in the students. Content wise it specifically focused on quantitative determination of various biochemical parameters in serum samples. At a larger perspective the course is design to motivate students to undertake Clinical Science in Higher Studies and future research. The report provides an overviews on the course.

1. **Course Coordinator:** Dr.Banteiskhem Kharwanlang
2. **Papers:** CB101 (Theory), CB102 (Practical), CB103 (Theory) & CB104 (Practical)
3. Each Paper carries 50 Marks.
4. **Resource Persons/Invigilators/Examiners:**
 - a. Dr. Harmit Ranhotra
 - b. Dr. James Wahlang
 - c. Dr.Banteiskhem Kharwanlang
 - d. Dr. K. Hadem
 - e. Dr.Omarlin Kyndiah
5. **Target Participants:** Fifth Semester Students of Biochemistry
6. **Number of Students admitted:** 19
7. **Theory contact hours:** 23 hours
8. **Practical contact hours:** 33 hours
9. **Examination:**
 - i. Dates:
 - a. Theory (CB101: 17th May, 2023 and CB103: 18th May, 2023)
 - b. Practical (CB102: 27th June, 2023 and CB104: 28th June, 2023)
 - ii. Each Paper carries a maximum marks of 50 & Pass Marks of 20.
 - iii. Result Declared on 19th August, 2023

- iv. Number of Students Pass: 10
- v. Marksheets & Certificates are provided to successful students
- vi. Students who could not pass the examination are encourage to appear in the next session of 2023-2024

7. **Feedback:** Students gave their feedback via google form.

8. Theory & Practical sessions are arrange so that it does not clash with ongoing main undergraduate course.

9. Laboratory & Examination Assistance by Mr. Bancasper Khongrymmmai, Lab Attendant is acknowledged.

10. **Reagents:** ERBA Kits

Students Listed for the Programs

Name	Roll Number	Attendance Theory (23 Classes)	Attendance Practical (11 Sessions)
Abhishek Kumar Sah	362	21	11
Suraj Singh	381	17	6
Fivarine Sumer	382	22	11
E Malvin L Dumai	376	20	10
Daysun R Shira	354	20	7
Sudarshana Borah	353	17	8
Nishita Hazarika	361	13	3
Trideep Das	351	8	04
Saphidaroibun Gashnga	355	18	7
SynsharPyrbot	357	20	10
Zaheed Hussain	358	21	8
Manoshi Ghosh	359	16	8
Pragya Mukherjee	360	16	11
Glorify Shylla	363	19	9
WanrikyntiPhawa	365	12	7
Iaijoplin Lyngdoh	367	16	7
Johnson Mylliem	371	18	9
Favio A Rymmai	375	17	03
E Malvin L Dumai	376	20	10

Wandakahi War	379	22	8

Challenges: Finding slots or free periods to manage the theory & practical classes as well the examination schedule of the Add-on Course.

Conclusion:

The Add-on Course in Clinical Biochemistry Course has provided a valuable knowledge and practical skills in the quantitative determination of various biochemical parameters in serum samples utilizing the semi-autoanalyzer. Students learned to perform clinical tests such as cholesterol, triglycerides, glucose, creatinine, urea, total bilirubin and calcium clinical tests. Students have been found to handle the semi-autoanalyzer skilfully and it will be an added resource in case for their higher studies in clinical science.

END OF REPORT

a. Results

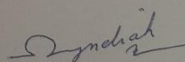
Name of Candidate	Result
Trideep Das	NY
Sudarshana Borah	C
Daysun R Shira	NY
Saphidarobun Gashnga	C
Synshar Pyrbot	C
Zaheed Hussain	NY
Manoshi Ghosh	NY
Pragya Mukharjee	C
Nishita Hazarika	C
Abhishek K Sah	NY
Glorify Shylla	NY
Wanrikynti Phawa	C
Iaijoplin Lyngdoh	C
Johnson Myllem	C
Favio A Rymmai	NY
E Malvin L Dumai	C
Wandakahi War	C
Suraj Singh	NY
Fivarine Sumer	NY

** C= Completed ; NY= Not yet completed

*** Certificate of Completion & Marksheet will be provide on the 30th August, 2023.



Course Coordinator



Head of Department,
Department of Biochemistry

Signature Attendance Register of St. Edmund's College

SUBJECT	SHIFT: DAY MORNING									
	Roll No.	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date
		13/03	13/03	13/03	13/03	13/03	13/03	13/03	13/03	13/03
	363	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
	359									
	355	S. Ganga	S. Ganga	S. Ganga	S. Ganga	S. Ganga	S. Ganga	S. Ganga	S. Ganga	S. Ganga
	357									
	358	Zahed	Zahed	Zahed	Zahed	Zahed	Zahed	Zahed	Zahed	Zahed
	359	Mona	Mona	Mona	Mona	Mona	Mona	Mona	Mona	Mona
	360	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
	361	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha	Nisha
	362	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
	363									
	365									
	367									
	371	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
	375	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
	376	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh	Harsh
	379	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi	Ravi
	381	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
	382									

Mr. K. S. ...
Mr. K. S. ...

Signature Attendance Register of [unclear]

SHIFT: DAY / MONTH

Roll No.	NAME	Signature		Signature		Signature		Signature		Signature	
		Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
351	Judeep Das	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
353	Surbhanu Baul	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
354	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
357	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
355	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
358	Zahed Hurrain	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
359	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
360	Ragya Mukherjee	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
361	Nishita Hazarika	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
362	Akshay Kumar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
363	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
365	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
371	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
376	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
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367	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
382	[unclear]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

THEORY PRACTICALS
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Signature Attendance Register of St. Edmund's College

SUBJECT: _____

Roll No	NAME	WED					DAY MORNING	
		Signature Date 1/5/22	Signature Date 1/5/22	Signature Date 1/5/22	Signature Date 1/5/22	Signature Date 1/5/22	Sign Date	Sign Date
351	Vidya Sin	[Signature]						
353	Indrakana Kosal		[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
354	Deepan Rajan Pillai	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
355	Sripudavikuma Gostage		[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
357	Synderia Pysbat		[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
358	Zahed Hussain	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
359	Manochi Ghosh	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
360	Ragnya Mukherjee	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
362	Abhishek Mh Bah	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
363	Georjy Chapple		[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
365	Wamukapali Nune	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
367	Jayapalan Khynglah	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
371	Johanson Mphilian	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
375	Jayid Rajmari	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
376	Lalbin Lanna Lanna	[Signature]	[Signature]		[Signature]	[Signature]	[Signature]	[Signature]
379	Khandadevi Kar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
381	Suryaj Singh	[Signature]	[Signature]		[Signature]			
382	Fumara Sumar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

↑
Total Present

↑
Total Absence

Signature Attendance Register

SUBJECT:		SHIP				
Roll No.	NAME	Signature Date	Signature Date	Signature Date	Signature Date	Signature Date
353	Sudarshan Bora	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
354	Rajon Rajan D. S.	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
355	Saptarshin Bora	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
357	Synder Pybit	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
358	Zahed Hussain	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
359	Karshi Ghosh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
360	Ranga Mukherjee	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
363	Glorify Shylla	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
365	Wansikgati Phawa	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
367	Saigplin Kymolati	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
369	Abhishek Misra	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
371	Johnson My	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
376	L. Habirunnur Rana	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
379	Nandakshi Nair	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
381		[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
382	Firavine Almer	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
361	Nishita Hazarika	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

361 →
367 →
368 →

c. Photos

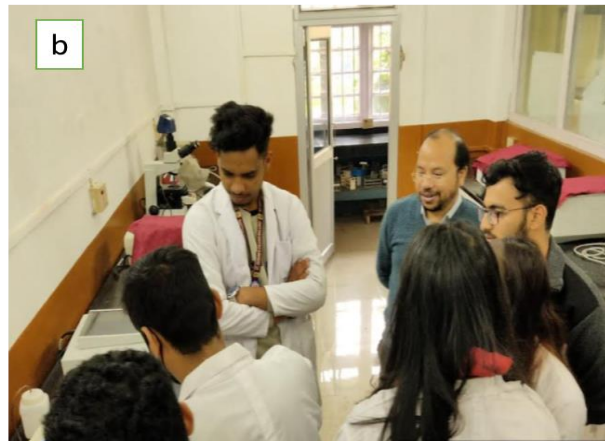


Photo a: Students operating the semi-autoanalyzer on the first day of practical

Photo b: Practical session and group discussion

Photo c: Theory Exams

Photo d: Group Photo after final practical examination